

**Optizone 2000nm High Power Polarization Beam Combiner/Splitter**

**Features**

- Compact High Performance
- High Extinction Ratio
- Low Insertion Loss
- High Directivity
- High Power Handling Capability

**Applications**

- Fiber Optic Instruments
- Fiber Amplifiers
- Fiber Lasers
- Fiber Sensors

**Specifications**

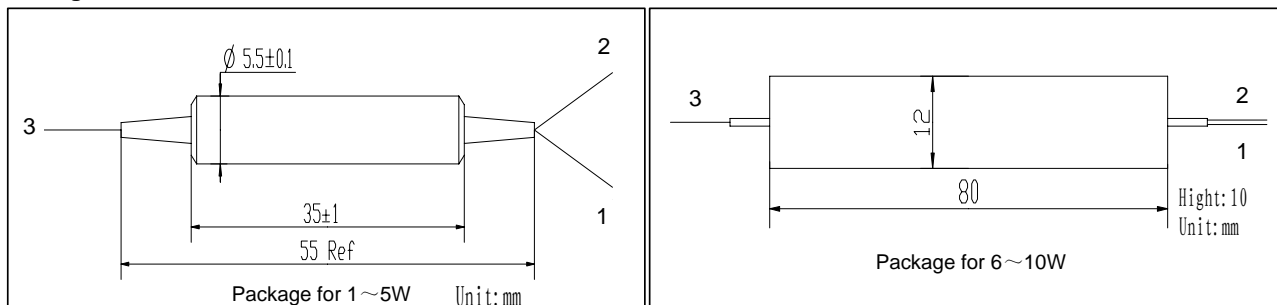
Parameter	Unit	Values	
Grade		Grade P	
Center Wavelength	nm	2000	
Operating Wavelength Range	nm	±50	
Typ. Insertion Loss(Excess Loss)	dB	0.8	1.0
Max. Insertion Loss(Excess Loss)	dB	1.0	1.3
Min. Return Loss	dB	50	
Min. Extinction Ratio (for Splitter only)	dB	20	
Min. Directivity	dB	50	
Max. Optical Power (CW)	W	1, 3, 5 or Specify	
Max. Tensile Load	N	5	
Fiber Type		PM 1550 Panda Fiber on Port 1 and 2	PM 1950 Panda Fiber on Port 1 and 2
Operating Temperature	°C	-5 to + 70	
Storage Temperature	°C	-40 to +85	

\*Above specifications are for device without connector.

\*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, ER will be 2dB lower, optical power is only 1W.

\*The PM fiber and the connector key are aligned to the slow axis.

**Package Dimensions**



**Ordering Information**

**HPBC-①①-②-③-④-⑤⑤-⑥⑥⑥-⑦⑦⑦-⑧**

**HPBS-①①-②-③-④-⑤⑤-⑥⑥⑥-⑦⑦⑦-⑧**

①①: Wavelength  
20 - 2000nm  
SS - Specify

②: Fiber Type on Port 1 and 2  
1- PM 1550 Fiber  
2 - PM 1950 Fiber

③: Fiber Type on Port 3  
1 - PM Panda Fiber, Slow Axis align 45°to Port 1  
2 - PM Panda Fiber, Slow Axis align to Port 1  
3 - SMF-28e(for PM 1550 Fiber on Port 1 and 2)  
4 - SM 1950(for PM 1950 Fiber on Port 1 and 2)  
S - Specify

④: Grade  
P - Premium

⑤⑤: Handling Power  
01 - 1W  
SS - Specify

⑥⑥⑥: Connector Type on Port 1, 2 & 3  
1 - FC/UPC  
2 - FC/APC  
3 - SC/UPC  
4 - SC/APC  
N - None  
S - Specify

⑦⑦⑦: Fiber Jacket on Port 1, 2 & 3  
B - 250um Bare Fiber  
L - 900um Loose Tube  
S - Specify

⑧: Fiber Length  
1 - 1.0m  
S - Specify